

Notice of Allowability

Application No.

10/783,772

Examiner

Savitri Mulpuri

Applicant(s)

CHOU, CHIA-SHING

Art Unit

2812

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/14/04.
2. ☒ The allowed claim(s) is/are 1-3, 7-9, 13-15.
3. ☒ The drawings filed on 20 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Savitri Mulpuri
Primary Examiner
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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Tote McKay on 9/14/04.

In claim 1:

In line 1 delete "pseudo-"

In line 11 after "and" add -- the--

In line 15, after "photoresist film" add --- to form plural electrode regions with surface substantially coplanar with the dielectric layer ---

In line 18 and line 19 replace "electrode region" with ----- one of the electrode regions---

In line 39 replace "a" with ---an---

In line 47 replace "having desired shape" with ---having plural electrode regions with surface substantially coplanar with the dielectric layer----

Cancel claims 4-6

In claim 7:

In line delete "pseudo-",

In line 10 after "and" add --- the---

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In line 14 after "photoresist film" add --- to form plural electrode regions with surface substantially coplanar with the dielectric layer ---

In line 19 and line 20 replace electrode region" with ---one of the electrode regions---

In line 22 before "metal" delete "dimple"

In line 23 replace "portion" with ---contact--

In line 41 replace "a" with --an--

In line 49 replace "having desired shape" with ---having plural electrode regions with surface substantially coplanar with the dielectric layer----

In claim 8

In line 1 replace "37" with ---1---

In line 2 replace "actuating" with ---- actuating---

Cancel claims 9-12

In claim 13:

In line 4 after "conductive layer" add ---, wherein plurality of conductors having surface substantially coplanar with the dielectric layer----

In line 9 before "metal" delete "dimple"

In line 9 after " form a dimple" add ---contact--

In line 12 before "top" replace "the" with --a--

In line 23 replace "second" with ---first--

In line 26 replace "a" with ---an--

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In 34 replace "having desired shape" with ---having plurality conductors with surface substantially coplanar with the dielectric layer----

Cancel claims 15-24

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: Prior art neither teach nor suggest forming electromechanical device having plural electrode regions with surface substantially coplanar with the dielectric layer (see Fig. 6C) and also does not forming electromechanical device etching through sacrificial layer to form dimple portion of a top electrode space proximate electrode region and depositing dimple metal layer in dimple portion to form dimple contact portion.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Savitri Mulpuri whose telephone number is 571-272-1677. The examiner can normally be reached on Mo-Fri from 8 a.m. to 4.30 p.m.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Niebling, can be reached on 571-272-1679. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Savitri Mulpuri
Primary Examiner
Art Unit 2812